BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

BBMP/2024-25/OW/WORK_INDENT4542

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/KPPP/09/2024-25 Dt: 21/10/2024

APPROVED TENDER SCHEDULE - B

Item-08

Name of Work:-Construction of Class Rooms at First Floor in Govt School Kenchenahalli in Kempegowda Ward no 01

Sl	Description of work	Unit	Approved Qty	Rate Quoted by the Contractor Sri. Narasimha K (SREE VIGNESHWARA ENTERPRISES)	
				Rate	Rate in words
1	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. 1.4.1 In all kinds of soils Depth upto 1.5 m	Cum	66.56	274.16	Two Hundred SeventyFour Paise Sixteen Only
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum	46.59	301.35	Three Hundred One Paise ThirtyFive Only
3	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications.Mix 1:4:8 Using 40 mm nominal size graded crushed coarse aggregates	Cum	30.85	6416.69	Six Thousand Four Hundred Sixteen Paise SixtyNine Only
4	Providing and laying in position Cement Concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	28.93	10766.99	Ten Thousand Seven Hundred SixtySix Paise NinetyNine Only
5	M25 Concrete For Columns	Cum	6.14	12324.61	Twelve Thousand Three Hundred TwentyFour Paise SixtyOne Only

6	M25 Concrete For Lintel Beam	Cum	12.06	11599.63	Eleven Thousand Five Hundred NinetyNine Paise SixtyThree Only
7	M25 Concrete For Chajja	Cum	0.54	10512.17	Ten Thousand Five Hundred Twelve Paise Seventeen Only
8	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding joints, tying with binding wire / soft annealed steel wire and other ancilary operations complete as per drawing and technical specification. a. Buildings	Tonne	4.59	102358.39	One Lakh Two Thousand Three Hundred FiftyEight Paise ThirtyNine Only
9	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:2:4 Using 20 mm nominal size graded crushed coarse aggregates	Cum	39.68	7072.63	Seven Thousand SeventyTwo Paise SixtyThree Only
10	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.	Sqm	108.96	852.44	Eight Hundred FiftyTwo Paise FourtyFour Only
11	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	Sqm	187.81	1375.35	One Thousand Three Hundred SeventyFive Paise ThirtyFive Only
12	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications..	Sqm	89.79	1082.43	One Thousand EightyTwo Paise FourtyThree Only
13	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions	Sqm	258.30	351.28	Three Hundred FiftyOne Paise TwentyEight Only

14	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm	232.08	289.49	Two Hundred EightyNine Paise FourtyNine Only
15	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm	110.91	249.44	Two Hundred FourtyNine Paise FourtyFour Only
16	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.	Sqm	601.28	94.97	NinetyFour Paise NinetySeven Only
17	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	369.21	108.70	One Hundred Eight Paise Seventy Only
18	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m^2 over and including priming coat of exterior primer applied @ 2.20 kg/10 m^2) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	232.08	155.61	One Hundred FiftyFive Paise SixtyOne Only
19	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 500x500 mm	Sqm	11.34	1185.41	One Thousand One Hundred EightyFive Paise FourtyOne Only
20	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per m2, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	44.35	1114.47	One Thousand One Hundred Fourteen Paise FourtySeven Only

21	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2 (Titanium Dioxide) at 6PHR with TPE Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)	Sqm	0.98	5572.35	Five Thousand Five Hundred SeventyTwo Paise ThirtyFive Only
22	Providing & fixing of 2.5 track x 2 panel sliding windows made out of multi chambered UPVC(Matching to RAL 9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE (Thermo Plastic Elastomer) and lead free, gaskets grey colour having isolated drainage and reinforced with Galvanized Iron profile through out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware & single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm 2.5mm. Maximum possible size 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)	Sqm	12.09	6684.53	Six Thousand Six Hundred EightyFour Paise FiftyThree Only
23	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.	Sqm	6.30	543.50	Five Hundred FourtyThree Paise Fifty Only
24	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm Aluminium hinges -do- with both side prelam.	Sqm	6.30	4351.46	Four Thousand Three Hundred FiftyOne Paise FourtySix Only
25	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.	Cum	0.13	103429.38	One Lakh Three Thousand Four Hundred TwentyNine Paise ThirtyEight Only

26	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)	Sqm	4.41	5805.77	Five Thousand Eight Hundred Five Paise SeventySeven Only
27	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.	Each	8.00	43.05	FourtyThree Paise Five Only
28	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	6.00	942.56	Nine Hundred FourtyTwo Paise FiftySix Only
29	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete	Each	8.00	125.75	One Hundred TwentyFive Paise SeventyFive Only
30	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete	Each	8.00	125.75	One Hundred TwentyFive Paise SeventyFive Only
31	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in Charge	Kgs	2772.91	155.61	One Hundred FiftyFive Paise SixtyOne Only
32	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications..	Sqm	142.35	6096.40	Six Thousand NinetySix Paise Fourty Only
33	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitablearrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	Kgs	328.81	646.48	Six Hundred FourtySix Paise FourtyEight Only
34	Concealed Conduit System: Supplying .... Mm dia 2mm2.5mm Thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc... and running before concreting th eslab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be convered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary	Mtr	50.00	72.09	SeventyTwo Paise Nine Only

35	Supplying heavy gauge PVC Conduit Pipe .... dia ..... mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.	Mtr	50.00	82.39	EightyTwo Paise ThirtyNine Only
36	Supplying and wiring adopting loop system in existing pvc conduit/casing caping using 1100v grade,COPPER conducter flexible multistrand FRLS PVC insulated,2x1.5Sq.mm Cable confirming to the GTP without switch,the other end of the wire shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. Point wiring using Copper wire without Switch.	Nos	2.00	371.79	Three Hundred SeventyOne Paise SeventyNine Only
37	Suppling and fixing PVC/metal conduit deep juction boxes	Each	3.00	52.52	FiftyTwo Paise FiftyTwo Only
38	Supplying and flush mounting powder coated metal box suitable for mounting modular switch plates.The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall3.4.1) 1-3Way	Each	3.00	126.68	One Hundred TwentySix Paise SixtyEight Only
39	3.4.2) 4-5Way	Each	3.00	142.13	One Hundred FourtyTwo Paise Thirteen Only
40	Wiring for lighting /power circuit using one of PVC insulated 1100v grade,multis and Copper conductor single core cable in open or consealed system of wiring.	Mtr	30.00	41.20	FourtyOne Paise Twenty Only
41	Supplying and fixing of modular switch/Socket/stepped electeonic fan regulator/ dimmer/telephone socket etc on existing modular switch plate.3.6.1) 6A mps one way	Each	20.00	90.63	Ninety Paise SixtyThree Only
42	3.6.2) 6A mps Two way	Each	10.00	156.54	One Hundred FiftySix Paise FiftyFour Only
43	Supplying and fixing superior gality modular switch mounting polycorbonate plate with neceaary supporting back plate with rquired nos. of machine screwes, bolts nuts etc., complete on the existing metal/PVC box..3.5.1) 1 to 3 Module	Each	2.00	156.54	One Hundred FiftySix Paise FiftyFour Only
44	3.5.3) 6 Module	Each	1.00	251.30	Two Hundred FiftyOne Paise Thirty Only
45	Supplying and fixing regular MCB distribution boards on wall/ woodboard /flush mounting required clamps,bolts,nuts etc.. with provision for fixing suitable type capacity MCB's single phase /3 phase /single door with powder coated painting etc., complete 8Way SP & N	Each	2.00	1745.68	One Thousand Seven Hundred FourtyFive Paise SixtyEight Only
46	5.18.8) 12Way SP & N	Each	1.00	2128.80	Two Thousand One Hundred TwentyEight Paise Eighty Only
47	Supplying and fixing and wiring Earth Leakage Miniature Circuit Breaker [RCCB] 240/450V up 300mA sensitivity on exsiting wood/panel board. 32-40 Amps 2 Pole	Each	2.00	4975.45	Four Thousand Nine Hundred SeventyFive Paise FourtyFive Only
48	5.19.3)32-40 Amps 4 Pole	Each	2.00	4816.84	Four Thousand Eight Hundred Sixteen Paise EightyFour Only

49	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia	Each	1.00	3089.39	Three Thousand EightyNine Paise ThirtyNine Only
50	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.	Each	2.00	4274.09	Four Thousand Two Hundred SeventyFour Paise Nine Only
51	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.	Mtr	30.00	121.53	One Hundred TwentyOne Paise FiftyThree Only
52	Supplying of recess mounting non integrated type LED down light 15 18W luminaire comprising of pressure decast extruded aluminium housing, with spring loaded false ceiling clA, LED of Power/COB with CCT 6500 degree K, CRI 70%. efficacy 100 lumen per W, 120degree beam spread, life 25000 burning hours and Compliance to IS10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly. with PF 0.95, power loss should 5% of lamp Wage, short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 V. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition.	Nos	15.00	2239.00	Two Thousand Two Hundred ThirtyNine Only
53	Fixing all types and all capacities of fluorescent / fales ceiling /spot light /CFL / LED fittings indoor on the wall /ceiling / refters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps .	Each	15.00	122.56	One Hundred TwentyTwo Paise FiftySix Only
54	Supplying exhaust fan of 1440 RPM of 300 mm (12") size with bracket blades complete for light duty suitable for operate of 230V 50Hz, AC Supply.	Each	2.00	1588.11	One Thousand Five Hundred EightyEight Paise Eleven Only
55	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming BIS-12818 and making good the same etc. complete as per direction of Engineer-in-charge.	Each	2.00	113.29	One Hundred Thirteen Paise TwentyNine Only
56	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double bail bearing system. 48" Sweep (1200mm)	Each	6.00	3037.18	Three Thousand ThirtySeven Paise Eighteen Only

57	Fixing a ceiling / wall mounting fan of all capacities and all types to the existing 's' hook with fan regulator to the existing board together with supplying and fixiting 5amps . Ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring	Each	6.00	154.49	One Hundred FiftyFour Paise FourtyNine Only
58	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore	Each	10.00	390.85	Three Hundred Ninety Paise EightyFive Only
59	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore	Each	5.00	390.85	Three Hundred Ninety Paise EightyFive Only
60	Providing and fixing PTMT grating of approved quality and colour Circular type 100 mm nominal dia.	Nos	5.00	100.83	One Hundred Paise EightyThree Only
61	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	4.00	1100.04	One Thousand One Hundred Paise Four Only
62	Constructing brick masonry chamber of internal dimension 600x450mm and depth of 600mm (inner dimensions) with modular bricks of CD 75 in cement mortar 1:6, bed concrete 150mm thick with 1:3:6, plastering 12 mm thick with cement mortar 1:4, CC 1:2:4 coping 75mm thk for fixing CI cover & frame etc. excluding the cost of CI frame and cover.	Each	4.00	4955.26	Four Thousand Nine Hundred FiftyFive Paise TwentySix Only
63	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer.	Each	4.00	4077.27	Four Thousand SeventySeven Paise TwentySeven Only
64	Providing & fixing White vitreous china water closet squatting pan (Indian type) along with "S" or "P" trap including dismantling of old WC seat and "S" or "P" trap at site complete with all operations including all necessary materials, labour and disposal of dismantled material i/c malba, all complete as per the direction of Engineer-in charge. Orissa pattern W.C Pan of size 580x440 mm	Pan	2.00	6949.15	Six Thousand Nine Hundred FourtyNine Paise Fifteen Only
65	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	Each	2.00	5670.11	Five Thousand Six Hundred Seventy Paise Eleven Only
66	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 15mm nominal dia pipes.	Mtr	70.00	346.66	Three Hundred FourtySix Paise SixtySix Only
67	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases	Mtr	50.00	422.57	Four Hundred TwentyTwo Paise FiftySeven Only

68	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 25mm nominal dia pipes.	Mtr	50.00	539.26	Five Hundred ThirtyNine Paise TwentySix Only
69	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 32mm nominal dia pipes.	Mtr	50.00	629.89	Six Hundred TwentyNine Paise EightyNine Only
70	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required :14.5.1 Single half stall urinal with 5 litre P.V.C. automatic flushing cistern	Each	2.00	7508.79	Seven Thousand Five Hundred Eight Paise SeventyNine Only
71	Providing and placing on terrace(at all floor levels), polyethylene water storage tanks as per IS 12701 marked,with cover and suitable locking arrangement and making necessary holes for inlet,outlet and overflow pipes but without fittings and the base support for tank(For 1000 litre capacity)	Ltr	2000.00	9.06	Nine Paise Six Only
72	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum.(Tipper 14 m3) (P.No. 3, I.No.1.1 C of Vol-3 PWP & IWTD SR 2021-22)	Cum	53.25	83.83	EightyThree Paise EightyThree Only
73	Cost of Haulage Excluding Loading and Unloading Taking output 25 t load and lead 10 km = 250 t.km	T.Km	53.25	108.76	One Hundred Eight Paise SeventySix Only
74	Providing & fixing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete as per design drawings (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required as per the direction of Engineer in charge.0.63 mm thick with zinc coating not less than 275 g/ m²	Sqm	11.04	995.81	Nine Hundred NinetyFive Paise EightyOne Only

K. Nanajitha

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.